



TRAINER SKILLS & AVAILABILITY

FDM Group

Domain Analysis

Group 1

<https://www.youtube.com/watch?v=BKEIx1G9naA&feature=youtu.be>

PROBLEM DEFINITION

Baer D. (2021)



- Need course creator
- Weekly Modules
- Allocation of available and qualified trainers to appropriate modules
- Trainer-specific schedules

MOTIVATION FOR SOFTWARE

- 250 employee company wastes 4 hours weekly scheduling meetings
- 47,000 hours of employee productivity lost
- Lack of course and module creator in market
 - Specific to FDM training academies
- Restricting functionalities for trainers



PROPOSED SOLUTION

- Web Application
- Automatic filtering of available & qualified trainers
- Different views of platform based on user classification
- Trainer profiles detailing personal information and technical skills



CUSTOMERS AND USERS

COURSE SCHEDULING TEAM

TRAINERS

DEVELOPERS

ADMIN

Scheduling team

- Create courses**
- Assign trainers to course**



Windows (2019)

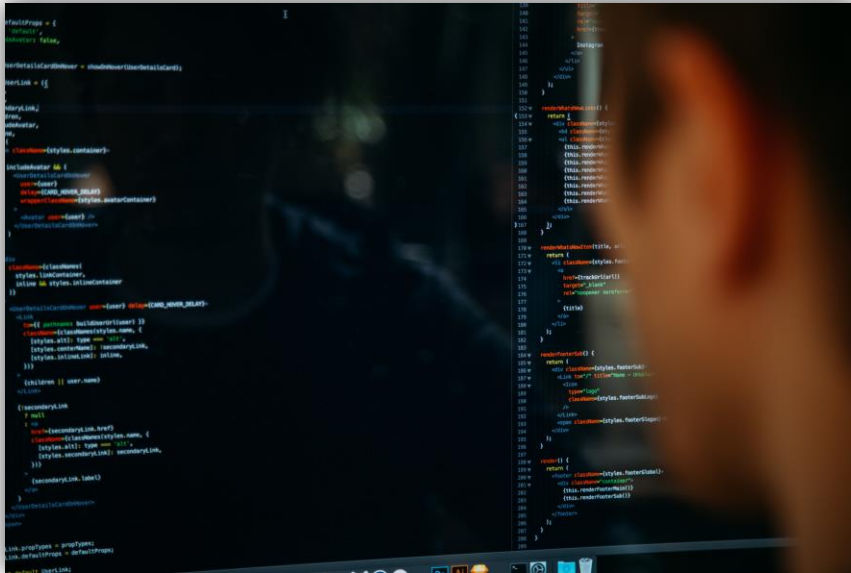
Freitas V. (2018)



Trainers

- Access online schedule timetable**
- Setup trainer profile**
- Setup alert system**

Deluvio C. (2017)



Developers

- Maintain system
- Update system

Admin

- Account creation
- Account deletion
- Login info reset



Rebouças N. (2020)

ENVIRONMENT

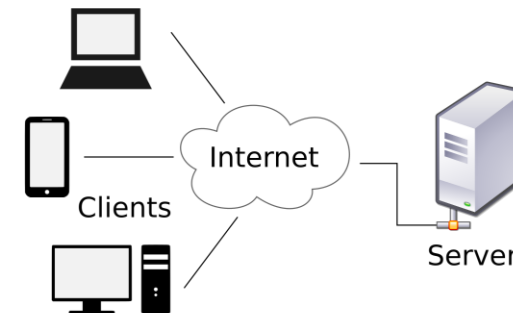
ALREADY IN USE

myHR

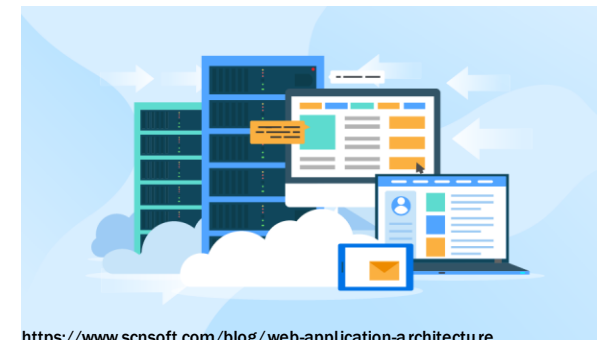


Microsoft Outlook

WEB APPLICATION

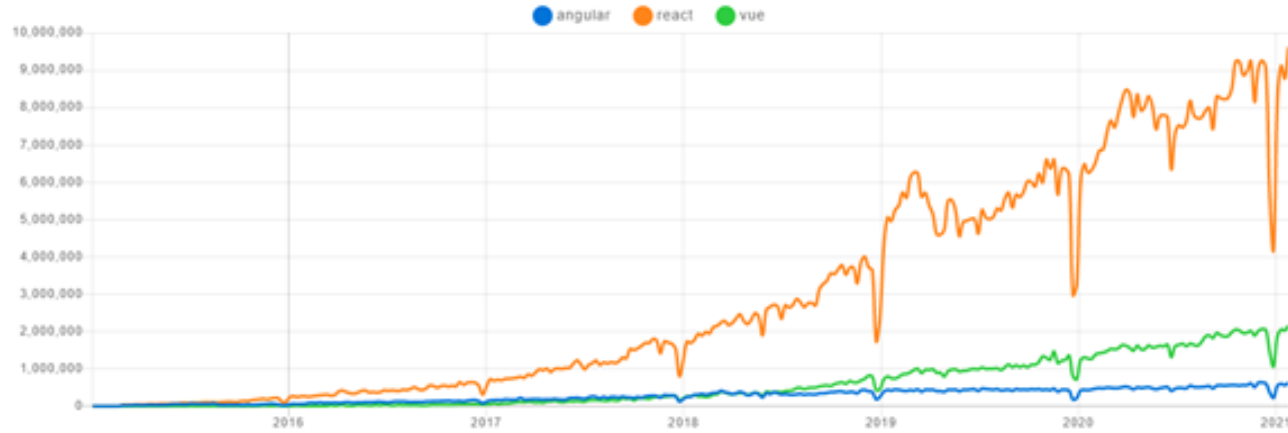


https://en.wikipedia.org/wiki/Client%E2%80%93server_model



<https://www.scnsoft.com/blog/web-application-architecture>

Downloads in past All time ▾

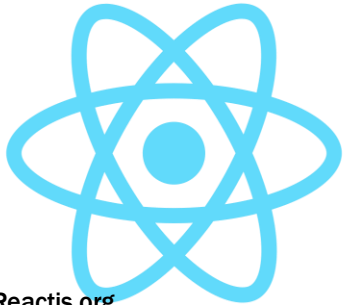


<https://www.npmtrends.com/angular-vs-react-vs-vue>

-React

-SQLite

-Django



Reactjs.org

Easy to use and largely supported



Lightweight and portable

django

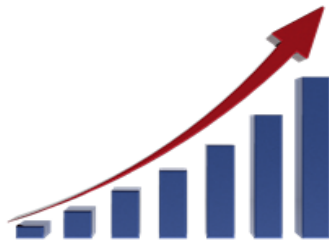
Djangoproject.com

Popular and well documented

COMPETING SOFTWARE



WHY THESE?



Millions monthly users



Connect upto 6 different
calendar applications



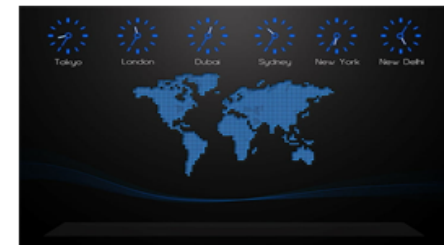
Provides integrated
online payment
methods



User friendly interface



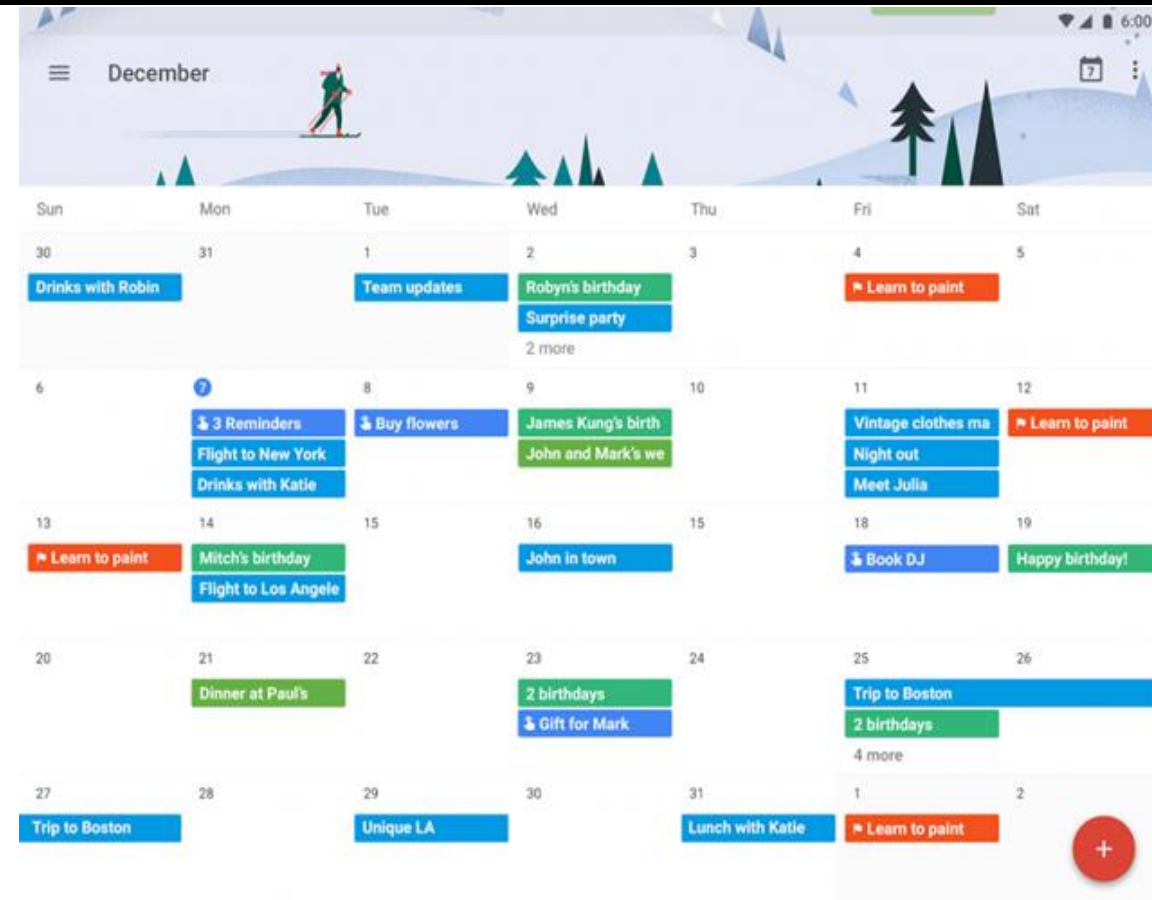
Target wide range of audience



Automatic time zone
conversion

CONCLUSION

- Two primary users with different accessibility
 - i) Scheduling Team
 - ii) Trainers
- Trainer profiles detailing skills & academic history
- Monthly & Weekly view



References

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